

FORM PTO-1449 (SUBSTITUTE)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket No.:

RWS-80019

Applic. No.

09/936,316

Applicant

Hugo Streekstra et al.

Filing Date

September 10, 2001

Group Art Unit

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
SH	A	5,723,497	03/03/98	Ohashi			
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FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
SH	J	0 373 038 A2,A3	06/13/90	Europe			X
	K	2 323 594 A	09/30/98	Great Britain			X
	L	WO 90/07571	07/12/90	WIPO			X
	M	WO 93/20038	10/14/93	WIPO			X
SH	N	WO 98/49999	11/12/98	WIPO			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

SH	O	Shapiro, D. et al.: "The Total Synthesis of Sphingosine", Journal of the American Chemical Society, Vol. 80, 1952, pp. 1194-1197, XP-002140009
SH	P	Stanacev, Nikola Z. et al.: "Studies on the Chemistry of Mucolipids: Occurrence of the Long-Chain Icosisphingosine, Composition of Fatty Acids, Fractionation Attempts", Biochimica et Biophysica Acta, Vol. 98, 1965, pp. 168-181, XP-000914314

EXAMINER

DATE CONSIDERED

6/24/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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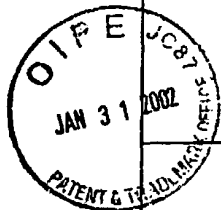
SH	O	Kisic, A. et al.: "Studies in the Sphingolipids Series, XXXII. Synthesis and Resolution into Optical Antipodes of C ₂₀ -Phytosphingosine", Chem. Phys. Lipids, Vol. 7, 1971, pp. 135-143, XP-000914282
SH	P	Sticht, G. et al.: "Chemical Synthesis of D,L-3-Dehydrosphinganine, its C ₁₄ -, C ₁₆ - and C ₂₀ -Homologues and the Resolution into the Enantiomeric Forms", Chem. Phys. Lipids Vol. 8, 1972, pp. 10-25, XP-00914283

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	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

84	O	Abrahamsson, Sixten et al.: "Molecular Arrangements in Glycosphingolipids", Chem. Phys. Lipids, Vol. 8, 1972, pp. 152-179, XP-000920601
84	P	Rubino, Federico Maria et al.: "Characterization of Sphingosine Long-Chain Bases by Fast Atom Bombardment and High-Energy Collision-Induced Decomposition Tandem Mass Spectrometry", Organic Mass Spectrometry, Vol. 27, 1992, pp. 1357-1364, XP-000914394

EXAMINER <i>Carlucci</i>	DATE CONSIDERED 6/24/04
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	L						
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

521	O	Prostenik, M. et al.: "Studies In The Sphingolipids Series-XXIV Synthesis of C ₁₈ -Phytosphingosine", Tetrahedron, Vol. 21, 1965, pp. 651-655, XP-002140010
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